



GOVERNMENT OF ANDHRA PRADESH
ABSTRACT

Essential Surgical List - Approved list of New Essential Surgical and Additional Surgical 2013 - Orders – Issued.

HEALTH, MEDICAL AND FAMILY WELFARE (M1) DEPARTMENT

G.O.Ms.No. 51

Dated:28-02-2014

Read the following:

1. G.O.Ms.NO.316 HM&FW Dept. dated 20.9.2007
2. G.O.Rt.No.1357, HMFWM(M1) Dept. Dated19.10.2009
3. From the Director of Medical Education, Andhra Pradesh, Hyderabad letter No. Spl./DME/Stores/2010 dated 8.4.2010
4. G.O.Ms.No.115, Health, Medical and Family Welfare Department, dated 13.05.2010.
5. G.O.Ms No. 153 HM&FW Department dated 28 July 2012.
6. Work shop dated 3.10.2013 under the chairmanship of Director of Medical Education.
7. From the M.D., APMSIDC, letter No.SPL/APMSIDC/ESL/2013 – 14, dated.08.11.2013.

<<0>>

ORDER:

In the GO second read above, the Government has established a Standing Expert Committee for the preparation of Essential Surgical List (ESL). The Expert Committee, chaired by the Director of Medical Education, has carefully reviewed the burden of various diseases in the state; existing protocols for treatments of various diseases; the surgical required for the management of emergency medical problems and life saving treatment; and cost-effectiveness and efficacy of various surgical available in the market and also held extensive consultations with pharmacologists, clinicians, super-specialists, etc. Based on the comprehensive exercise, the Expert Committee has recommended a list of "Essential Surgical" that satisfy the medical and surgical care needs of the majority of the population that are safe, effective and to be made available in adequate quantity, dosage, form and fair price, for use by all Government Hospitals, Health Facilities and allied health institutions.

2. In the reference 7th read above, the M.D., APMSIDC has stated that the Director of Medical Education and Chairman of the Standing Expert Committee convened a workshop with members of Standing Expert Committee on 03.10.2013. The committee reviewed the ESL/ASL 2010 and after detailed discussions, the new ESL/ASL 2013 was prepared with 360 items i.e., 222 for ESL, SIL 37 and 101 ASL for specialty use was prepared and furnished to Govt. for approval and issue of orders.

3. The Government, after careful examination of the proposal of the M.D., APMSIDC hereby order that all the Hospitals, Health Facilities, and other health institutions under the control of Health, Medical and Family Welfare Department, and the programmes assisted by the Government of Andhra Pradesh (HMRI and EMRI etc.) shall use only those Surgical listed items in the 'Essential Surgical List 2013' (ESL 2013). In addition, to address the specific requirements of the advanced specialist and the super-specialist care, the Government also

approves the 'Additional Surgical List' 2013 (ASL 2013). The surgical items included in the ESL2013 have been selected through an evidence based process with due regard to relevance, quality, safety, efficacy and comparative cost-effectiveness. These surgical will be made available at all health facilities under the control of the Health, Medical and Family Welfare Department. The surgical included in ASL 2013 will be for the exclusive use of super-specialty and advanced specialty institutions and for both centralized and Decentralized procurement. The surgical supplied under the National Disease Control Programmes, like RNTCP, NLEP, and other requirements of state departments like Rural Development, ICDS etc., shall be procured by APMSIDC.

4. The Managing Director of Andhra Pradesh Medical Services and Infrastructure Development Corporation (APMSIDC) and all Heads of the Departments under the overall charge of Health, Medical and Family Welfare Department shall henceforth procure, store and dispense only those surgical included in the ESL 2013/ ASL 2013, based on the need. The surgical items included in the list shall be procured strictly adhering to the Pharmacopeia standards, Route of Administration, Unit Pack, Strength and Specifications mentioned in this order.

5. All Heads of Department are requested to issue detailed instructions to all facilities and functionaries under their control regarding rational and effective use of surgical items included in the ESL/ASL. The MD of APMHIDC shall publish and distribute copies of the ESL and ASL to all health facilities and disseminate information regarding their use amongst all health functionaries of the state. The Commissioner of Health and Family Welfare shall organize workshops for all medical professionals of the Health, Medical and Family Welfare Department regarding the rational use of surgical and strict adherence to the use of surgical listed in this Order.

6. By implementing the essential surgical concept, the Government expects to improve the efficiency of surgical management in all health facilities. In this direction, the Government instructs all HODs to ensure strict compliance with the G.O. issued in G.O.Ms No. 153 HM&FW Department dated 28 July 2012. All measures shall be taken by all HODs to ensure that:

- (i) All essential surgical shall be available at all health facilities in the state at all times of the year.
- (ii) Stocks required for atleast three months should be maintained at all times.
- (iii) Every effort shall be made to completely eliminate expired surgical, surgical wastage, pilferage and stock-outs.
- (iv) High standards of quality control and quality assurance measures shall be maintained and monitored.
- (v) All surgical in the ESL and ASL shall be purchased only from pharmaceutical companies who follow good manufacturing practices (GMP) stipulated by the appropriate authorities and APMSIDC, and custom packed for Government of AP duly following the instructions in the reference second cited.
- (vi) No doctor of the HM&FW Department shall procure, prescribe, dispense, or recommend any surgical that is not included in the ESL / ASL without prior approval of the Government. Any violation of these instructions shall attract disciplinary action.

7. The Managing Director, Andhra Pradesh Medical Services & Infrastructure Development Corporation and other Heads of Department shall procure only those surgical included in the ASL / ESL list duly following the procedure laid down in the reference 1st read above. All hospitals under other departments of Government of Andhra Pradesh and the private sector hospitals,

especially those included in Rajiv ArogyaSri Network, are also strongly encouraged to use the surgical notified in this Order.

Essential Surgical List				
1	Abdominal Drain Kit- 24 FG	Each	Sterile, Disposable, soft abdominal drainage catheter with radio opaque line on it with atraumatic and rounded open distal end with eyes with markings at 2cms interval from last eye with collection bag of 2ltrs. A loop to hang the bag on the cot.	ESL
2	Absorbable gelatin sponge	Box of 20 Foils	Does not contain any carcinogenic materials or less than 1ppm of Formaldehyde and is sterilized by dry heat with less than 0.5EU/Device.(Size 7CM X5CM 1Cm)/ sterile, non toxic, pyrogen free US / FDA Approved	ESL
3	Absorbable, Braided, violet, Polyglactin 910 Sterile, Surgical suture 4-0 (Suture Code: 2443)	Box of 12 Foils	3/8 circle, cutting,16mm Needle, Suture length 70cm	ESL
4	Absorbable, Braided, violet, PGA (Polyglycolic acid) Sterile, surgical suture 1/0 (Suture code: 2338)	Box of 12 Foils	1/2 Circle, Round body, 30mm Needle, Suture Length 90cm	ESL
5	Absorbable, braided, violet,PGA, Sterile, Surgical suture 2-0 (Suture code: 2317)	Box of 12 Foils	1/2 circle, Round body, 30mm needle, Suture Length 90cm	ESL
6	Absorbable, Monofilament, Polydioxonone (PDO), Sterile, Surgical suture 1-0	Box of 12 Foils	1/2 circle, Round Body, 30mm needle, suture length 70cm	ESL
7	Absorbable, Braided, violet, Polyglycolic acid (PGA), Sterile surgical suture 1-0 (Suture Code: 2518)	Box of 12 Foils	1/2 Circle, Tapercut, 40mm needle, Suture Length 90cm	ESL
8	Adhesive Plaster Woven Fabric (Size: 10cms x 10mts)	Box of 3 Rolls	Size:10cm x 10mts	ESL
9	Adhesive Plaster Woven Fabric (Size:5cm x 10mts)	Box of 6 Rolls	Size:5cm x 10mts	ESL
10	Ambu Bag (Silicon) Adult	Each	With e valve and reservoir (Adult)	ESL
11	Ambu Bag (Silicon) Pediatric	Each	With e valve and reservoir (Pediatric)	ESL
12	Anaesthesia circuits (Pediatric circuits)	Each	Sterile, Disposable Pediatric circuits: Rendell Baker Soucek Facemasks Sizes 1 & 2, 15mm/22mm Angle Mount, 15mm Ayre's T, 15cmx11mm Corrugated, 0.5Ltr. Breathing Bag with Bleed Value 23mm Male Plug-in Mount, 23mm/23mm Female/Fwmale Circuit Adaptar, all in a carying case Blad	ESL
13	Anaesthesia circuits (Ventilator circuits)	Each	Sterile, Disposable closed circuits(Ventilator circuits)	ESL
14	Epidural Kit	Each	Sterile, Disposable kit Including standard LOR syringe, Epidural catheter of Length 1000 mm, Hydrophobic 0.2micron filter for additional safety & control against microbial infections with Filling volume of 0.45 ml, tuohy needle provided with clear depth marking for accurate insertion depth reading,Polished inner bevel edge, Detachable Connector. Separate twist lock connector for safe & secure attachment to the catheter for convenience of the procedure. (Size:16G & 18G)	ESL
15	B.B. Silk Reel -1	Box of 6 Reels	6 ReelsX 25mtr	ESL
16	B.B. Silk Reel -2 -0	Box of 6 Reels	6 ReelsX 25mtr	ESL
17	B.B. Silk Reel -3 -0	Box of 6 Reels	6 ReelsX 25mtr	ESL

18	Bandage, "POP"	Each	15cmX2.7mt	ESL
19	Bandage, POP.	Each	10cmX2.7mt	ESL
20	Barburs thread Size No 20	Each	Size 20No (Check from OT)	ESL
21	Blades, Surgical S.S. No.11	Box of 100	Box of 100, as per IS:3319-1995, As per drugs and cosmetics Act 1940	ESL
22	Blades, Surgical S.S. No.15	Each	Box of 100, as per IS:3319-1995, As per drugs and cosmetics Act 1940	ESL
23	Blades, Surgical S.S. No.22	Box of 100	Box of 100, as per IS:3319-1995, As per drugs and cosmetics Act 1940	ESL
24	Blood Grouping Sera Anti A	Each	IgM 10 ml	ESL
25	Blood Grouping Sera Anti AB	Each	IgM 10 ml	ESL
26	Blood Grouping Sera Anti B	Each	IgM 10 ml	ESL
27	BP Cuff Adult	Each	Adult	ESL
28	BP Cuff Paediatric	Each	Paediatric	ESL
29	Breathing Circuits: Adult with 2 Port Wye & Water Trap	Each	22mm Corrugated Plastic Hose X 3.2 mtrs, 2 port Wye, 22/22mm male/female Circuits Adapters X 2, 15mm/22mm angle mount with Water trap	ESL
30	Chromic Cat Gut, Sterile, Surgical Suture 1/0 (Suture code: 4254)	Box of 12 foiles	1/2 Circle Round Body,30mm Heavy Needle , Suture length 76cms	ESL
31	Chromic Cat Gut, Sterile, Surgical Suture 1 (Suture code: 4259)	Box of 12 Foils	1/2 circle Round Body, 40mm heavy needle, Suture length 76cms	ESL
32	Chromic Cat Gut, Sterile, Surgical Suture 2-0 (Suture code: 4241)	Boxes of 12 Foils	1/2 circle Round Body, 30mm needle, Suture length 76cms	ESL
33	Catheter, Suction Nelton with laterali eye	Each	Sterile, Disposable,12mm, 54 cms length	ESL
34	Catheter, Suction Nelton with laterali eye	Each	Sterile, Disposable,14mm, 54 cms length	ESL
35	Catheter, Suction Nelton with lateral eye	Each	Sterile, Disposable,18mm, 54 cms length	ESL
36	Catheter, Suction Nelton with lateral eye	Each	Sterile, Disposable, 8mm, 54 cms length	ESL
37	Catheter, Urinary Size: 12	Each	Sterile, Disposable, Size: 12 Foley's, as per IS No:11497-1995	ESL
38	Catheter, Urinary Size: 14	Each	Sterile, Disposable, Size: 14 Foley's, as per IS No:11497-1995	ESL
39	Catheter, Urinary Size: 16	Each	Sterile, Disposable, Size: 16 Foley's, as per IS No:11497-1995	ESL
40	Catheter, Urinary Size: 18	Each	Sterile, Disposable, Size: 18 Foley's, as per IS No:11497-1995	ESL
41	Catheter,Urinary, Nelton (Disposable) Size: 14	Each	Sterile, Disposable, Size: 14 FG, As per IS No:3055	ESL
42	Cellulose for Heamostesis (Size: 7.6cm X 10.2 cm)	Each	Oxidized Regenerated Cellulose absorbable Hemostat,Size: 7.6cm X 10.2 cm)	ESL
43	Closed wound Suction Drain No.16	Each	Sterile, Disposable, 800ml bellow Chamber with connector with connecting kink resistant tube with clamp and Y connector, curved trocer with safety cap with redon drain catheter with a loop for hanging the drain to cot, Redon drain catheters are provided with radio opaque line and satin smooth eyes. Spare perforated redon catheter.	ESL
44	Closed wound Suction Drain No.12	Each	Sterile, Disposable, 800ml bellow Chamber with connector with connecting kink resistant tube with clamp and Y connector, curved trocer with safety cap with redon drain catheter with a loop for hanging the drain to cot, Redon drain catheters are provided with radio opaque line and satin smooth eyes. Spare perforated redon catheter.	ESL
45	Coomb Sera	Each	IgG C3d 10 ml	ESL
46	Corrugated Silastic drain	Each	Needs Description	ESL

47	Delivery Kits for Sero positive	Each	2 Nos Non Woven Plastic laminated Gowns, 2Pairs Plastic Shoe Covers, 2 Set Goggles, 2 Pairs Cap & Mask, 4 Pairs Latex Gloves(6 1/2" & 7"-2 each), 1No Couch Sheet 4' X 6', 1No Plastic Perineal Sheet 4' x 6', 2 Nos cotton gauze mops 18" x 18", 1 Umbilical clamp , 1 baby sheet size 2 ft x 3ft.	ESL
48	Developer	Each	13.5 Lts	ESL
49	Surgeons Caps.	Packet of 100	Disposable, Made from Random structured non-woven Fabric with breathable non-linting flame retardant properties. Provide optimal hygiene protection to Medical Fraternity with elastic to fix Surgeons Cap.	ESL
50	Disposable HUDSON's Mask	Packet of 100	Small	ESL
51	Surgeons Mask	Packet of 100	Disposable, Made from Randon Structured Non-Woven Fabric with breathable non-linting, Flame retardent properties provide Mask Tie type . high efficeincy Bacterial Filter with Nose Clip 2 Ply.	ESL
52	Plastic Aprron	Each	Sterile, Disposable, made with Polythene Sheet washable with Tie & Loop for perfect fitting to Surgeon. 75Microns	ESL
53	Disposable syringe 1 CC	Each	Sterile, 26G ½ inch detachable needle	ESL
54	Disposable Syringe with Needle	Each	Sterile, 2cc, 23 Gauge, ISNo;12655 as per drugs & cosmetics Act 1940	ESL
55	Disposable Syringe with Needle'	Each	Sterile, 5cc, 24 Guage ISNo;12655 as per drugs & cosmetics Act 1940	ESL
56	Disposable syringe with needle 10cc, 20 Gauge	Each	Sterile, ISNo;12655 as per drugs & cosmetics Act 1940	ESL
57	Disposable Syringe with Needle 2cc, 24 Guage	Each	Sterile, ISNo;12655 as per drugs & cosmetics Act 1940	ESL
58	Disposable Syringe with Needle 5cc, 23 Guage	Each	Sterile, ISNo;12655 as per drugs & cosmetics Act 1940	ESL
59	Sterilized Disposable Examination Gloves HMHDPE 100microns	Each	Box of 50 Pairs	ESL
60	ECG electrodes	Each	Disposable adult, 55mm, Ag/Agcl/Solid adhesive pregelled (short teram)	ESL
61	Endotracheal Tube dia 8mm	Each	Cuffed (Sterile, Disposable), dia 8mm	ESL
62	Endotracheal Tube dia 5mm	Each	Cuffed (Sterile, Disposable) dia 5mm	ESL
63	Endotracheal Tube dia 6mm	Each	Cuffed (Sterile, Disposable) dia 6mm	ESL
64	Endotracheal Tube dia 7mm	Each	Cuffed (Sterile, Disposable) dia 7mm	ESL
65	Endotracheal Tube dia 9mm	Each	Cuffed (Sterile, Disposable) dia 9mm	ESL
66	Endotracheal Tube uncuffed disposable 3mm	Each	Uncuffed (Sterile, Disposable), dia 3mm	ESL
67	ET Tube holder	Each	An ET Tube holder with bite block quick thread clamp & mouth access hole for -longterm ventilation	ESL
68	Fixer	Each	13.5 Lts (Powder)	ESL
69	Gloves, Surgical Examination (Latex Large Size)	Box of 50 Pieces	Latex Large Size	ESL
70	Gloves, Surgical Examination(Latex medium)	Box of 50 Pieces	Latex Medium Size	ESL
71	Gloves, Surgical, Disposable 6 1/2"	Box of 50 Pairs	6 1/2" Latex, as per IS:13422-1992	ESL
72	Gloves, Surgical, Disposable 6"	Box of 50 Pairs	6" Latex ,as per IS:13422-1992	ESL
73	Gloves, Surgical, Disposable 7 "	Box of 50 Pairs	7 " Latex as per IS:13422-1992	ESL
74	Gloves, Surgical, Disposable 7 1/2"	Box of 50 Pairs	7 1/2" Latex ,as per IS:13422-1992	ESL

75	Green cloth		91cm Length One Meter	ESL
76	Hbs Ag Elisa Test Kit	1 x 96 Tests	1 x 96 Tests	ESL
77	Hbs Ag Rapid Test Kit	Each	1 x 50 test	ESL
78	HIV 1+2 Immunodot Test Kit		1+2 Immunodot	ESL
79	HIV Surgical Kit (General Surgery)	Each	3 Nos Non Woven Plastic laminated Gowns, 3 Pairs Plastic Shoe Covers, 4 Nos Non woven fabric drapes, 1 No Abdominal Sheet 5' x 6' , 4Nos White cloth mops 18" x 18", 3 Goggles	ESL
80	Infant Feeding Tube Size: 5	Each	Closed distal end with two lateral eyes Tube with radio-opaque line, marked at 25 cms from the tip for accurate placement , Soft and rounded tip to prevent trauma during application Soft, frosted and kink resistant PVC tubing, Radio Opaque line is provided throughout the length for X-Ray visualisation, Proximal end is fitted with female luer mount for easy connection to feeding funnel or syringe, Standard Colour coded for size identification Size: 5FG	ESL
81	Infant Feeding Tube Size: 6	Each	Closed distal end with two lateral eyes Tube with radio-opaque line, marked at 25 cms from the tip for accurate placement , Soft and rounded tip to prevent trauma during application Soft, frosted and kink resistant PVC tubing, Radio Opaque line is provided throughout the length for X-Ray visualisation, Proximal end is fitted with female luer mount for easy connection to feeding funnel or syringe, Standard Colour coded for size identification Size: 6FG	ESL
82	Infant Feeding Tube Size: 7	Each	Closed distal end with two lateral eyes Tube with radio-opaque line, marked at 25 cms from the tip for accurate placement , Soft and rounded tip to prevent trauma during application Soft, frosted and kink resistant PVC tubing, Radio Opaque line is provided throughout the length for X-Ray visualisation, Proximal end is fitted with female luer mount for easy connection to feeding funnel or syringe, Standard Colour coded for size identification Size: 7FG	ESL
83	Infant Feeding Tube Size: 8	Each	Closed distal end with two lateral eyes Tube with radio-opaque line, marked at 25 cms from the tip for accurate placement , Soft and rounded tip to prevent trauma during application Soft, frosted and kink resistant PVC tubing, Radio Opaque line is provided throughout the length for X-Ray visualisation, Proximal end is fitted with female luer mount for easy connection to feeding funnel or syringe, Standard Colour coded for size identification Size: 8FG	ESL
84	Infant Feeding Tube Size: 9	Each	Closed distal end with two lateral eyes Tube with radio-opaque line, marked at 25 cms from the tip for accurate placement , Soft and rounded tip to prevent trauma during application Soft, frosted and kink resistant PVC tubing, Radio Opaque line is provided throughout the length for X-Ray visualisation, Proximal end is fitted with female luer mount for easy connection to feeding funnel or syringe, Standard Colour coded for size identification Size: 9FG	ESL
85	Insulin Inj. Syringe	Each	30 Gauge Fixed Needle with 1 cc (40 IU)	ESL
86	Intercostal drainage bag	Each	Sterile, Disposable, under water sealed drainage system, soft, kink resistant, nontoxic PVC Bag with 1000ml capacity, graded at 50ml interval, with long tubing with a air tight clamp, loop for hanging or carrying.	ESL
87	Intracatheter	Each	Sterile, Disposable, G 22 with wings & port	ESL

88	Intracatheter	Each	Sterile, Disposable,G 20 with wings & port	ESL
89	Intracatheter	Each	Sterile, Disposable,G 18 with wings & port	ESL
90	Intracatheter	Each	Sterile, Disposable,G 16 with wings & port	ESL
91	Intracatheter	Each	Sterile, Disposable,G 24 with wings & port	ESL
92	Khaki Terricot Cloth		Width 54" LengthOne Meter	ESL
93	Kher T tube	Each	Medical Grade PVC make siliconised 'T' tube for Common Bile Duct drainage. Super smooth siliconized low friction surface, Radio opaque line throughout its length for X-ray visualization. Sterile, individually packed in peelable pouch pack.14 No	ESL
94	L.P.Needle	Each	Sterile, Disposable, Quincke needles, Size No: 23	ESL
95	L.P.Needle	Each	Sterile, Disposable, Quincke needles, Size No: 26	ESL
96	L.P.Needle	Each	Sterile, Disposable, Quincke needles, Size No: 25	ESL
97	Low Pressure extension Line	Each	Sterile, Disposable,Provided with male luer lock at one end and 3-way stop cock at other end Size : 50 cms	ESL
98	Low Pressure extension Line'	Each	Sterile, Disposable,Provided with male luer lock at one end and 3-way stop cock at other end, Size : 100 cms	ESL
99	Low Pressure Extention Line	Each	Sterile, Disposable,Provided with male luer lock at one end and 3-way stop cock at other end, Size :10cms	ESL
100	Mackintosh Rubber Sheet as Per IS:4135-1974	Each Meter	Mackintosh Rubber Sheet as Per IS:4135-1974 of Grade A 2nd Quality with 55 % Rubber Content	ESL
101	Micro Slide	Each	76 X 26 X 1.35mm (-0.20 mm) Box of 50 Slides	ESL
102	Mucus Sucker	Each	Sterile, Disposable, 20 ml Capacity	ESL
103	Non Absorbable, blue Monofilament, Polypropylene Sterile Surgical Suture No1 (Suture code:843)	Box of 12 Foils	1/2 circle Round body, 40mm heavy needle, Suture length 100cms	ESL
104	Oxygen Mask (Adult)	Each	Sterile, Disposable, Light weight,soft feathered edges, nose clip,swivel tubing connector, elastic head band, with 2 mts tubing, Adult	ESL
105	Oxygen Nasal Prongs (Pediatric)	Each	Sterile, Disposable,Twin prongs/ nasal tips designed to ensure equal volume of oxygen to both air passages, Soft funnel shape connector for easy connection to oxygen source, Tube Length 210cm (7ft), Peadiatric size	ESL
106	Oxygen Nasal Prongs (Adult)	Each	Sterile, Disposable,Twin prongs/ nasal tips designed to ensure equal volume of oxygen to both air passages, Soft funnel shape connector for easy connection to oxygen source, Tube Length 210cm (7ft), Adult size	ESL
107	Paper Plaster	Box of 12	Size: 1"	ESL
108	Paper Plaster'	Box of 6	Size: 2"	ESL
109	Paper Plaster"	Box of 4	Size: 3"	ESL
110	Absorbabale, monofilament, undyed, Polyglecaprone, Sterile Size 3-0 (Suture code: 1326)	Box of 12 foils	3/8 Circle reverse cutting 25mm needle, suture length of 70cm	ESL
111	Polypropylene Mesh	Each	Sterile, 6 X 11 Cm Poly Propylene mesh	ESL
112	Polypropylene Mesh'	Each Foil	Sterile, 15X15Cm Polypropylene mesh	ESL
113	Pregnancy Test Kit	Each	25 Tests	ESL
114	Rh Typing Sera Anti D	Each	IgM 10 ml	ESL
115	RPR Kits	Each	(1X100)	ESL

116	Ryles Tube Size : 10 FG,	Each	<p>Sterile, Disposable, nontoxic. Distal end coned with corrosion resistant steel balls sealed into the tube to assist the passage of the tube during intubation. Four lateral eyes provided for efficient aspiration & administration.</p> <p>The tube should be marked at 50,60 & 70cm from the tip for accurate placement.</p> <p>Super smooth , low friction surface facilitates easy intubation. Radio opaque line is provided throughout the length. Proximal end is provided with universal funnel shape connector. Size : 10 FG, Length 105cms</p>	ESL
117	Ryles Tube Size : 12 FG,	Each	<p>Sterile, Disposable, nontoxic. Distal end coned with corrosion resistant steel balls sealed into the tube to assist the passage of the tube during intubation. Four lateral eyes provided for efficient aspiration & administration.</p> <p>The tube should be marked at 50,60 & 70cm from the tip for accurate placement.</p> <p>Super smooth , low friction surface facilitates easy intubation. Radio opaque line is provided throughout the length. Proximal end is provided with universal funnel shape connector. Size : 12 FG, Length 105cms</p>	ESL
118	Ryles Tube Size : 14 FG,	Each	<p>Sterile, Disposable, nontoxic. Distal end coned with corrosion resistant steel balls sealed into the tube to assist the passage of the tube during intubation. Four lateral eyes provided for efficient aspiration & administration.</p> <p>The tube should be marked at 50,60 & 70cm from the tip for accurate placement.</p> <p>Super smooth , low friction surface facilitates easy intubation. Radio opaque line is provided throughout the length. Proximal end is provided with universal funnel shape connector. Size : 14 FG, Length 105cms</p>	ESL
119	Ryles Tube Size : 16 FG,	Each	<p>Sterile, Disposable, nontoxic. Distal end coned with corrosion resistant steel balls sealed into the tube to assist the passage of the tube during intubation. Four lateral eyes provided for efficient aspiration & administration.</p> <p>The tube should be marked at 50,60 & 70cm from the tip for accurate placement.</p> <p>Super smooth , low friction surface facilitates easy intubation. Radio opaque line is provided throughout the length. Proximal end is provided with universal funnel shape connector. Size : 16 FG, Length 105cms</p>	ESL
120	Ryles Tube Size : 18 FG,	Each	<p>Sterile, Disposable, nontoxic. Distal end coned with corrosion resistant steel balls sealed into the tube to assist the passage of the tube during intubation. Four lateral eyes provided for efficient aspiration & administration.</p> <p>The tube should be marked at 50,60 & 70cm from the tip for accurate placement.</p> <p>Super smooth , low friction surface facilitates easy intubation. Radio opaque line is provided throughout the length. Proximal end is provided with universal funnel shape connector. Size : 18 FG, Length 105cms</p>	ESL
121	Scalp Vein Set, Needles, NG20	Each	Sterile, Disposable, Scalp Vein set/Butterfly Set, Short beveled siliconised needle, Butterfly is connected to soft non toxic, non-irritant, medical grade tube which does not kink or coil set. NG20	ESL
122	Scalp Vein Set, Needles, NG22	Each	Sterile, Disposable, Scalp Vein set/Butterfly Set, Short beveled siliconised needle, Butterfly is connected to soft non toxic, non-irritant, medical grade tube which does not kink or coil set. NG22	ESL
123	Scalp Vein Set, Needles, NG24	Each	Sterile, Disposable, Scalp Vein set/Butterfly Set, Short beveled siliconised needle, Butterfly is connected to soft non toxic, non-irritant, medical grade tube which does not kink or coil set. NG24	ESL
124	Silicon Tyre	Each	No. 287 / No. 279	ESL

125	Single Blood Bags (with CPDA Solution)	Each	For whole blood collection, 350 ML Packaging: Sterile, disposableSecondary Packaging is made of laminated polyester/aluminium/polyethylene Tubing: Memoryless tubing for better yield of components without damage during blood collection, Very clear thermal transfer printing for easy identification of pilot samples, Stable wall thickness and inner diameter for smooth flow and collection of blood Label: Labels should be clear and easy to understand, should be resistant to tear, water and centrifugation force, the labels have to be barcoded. Outlet Port Pouch: Each outlet port fitted with a hermetically sealed tamper evident protector to maintain sterility of the internal surface, should be amenable to open with single - hand operation Needle: Ultra thin walled silicone coated needle, High quality needle for smooth phlebotomy Needle Protector : Composed of two parts • The outer layer is made of hard poly- propylene to ensure rigidity of cap • The inner layer is made of PVC to ensure hermetic closure with the hub Break off valve: • The big break off valve to help in a smooth flow of component and reduces processing time • The uniform break force of the click tip to ensure easy breakability	ESL
126	Skin Stapler	Each	Sterile, Disposable, 35 pins	ESL
127	Skin stapler removals	Each	Skin stapler removals	ESL
128	OT Dress: Sky blue/Dark Blue cloth	Each	Readymade Surgeons Dress (Shirt & Pyjama with fabric nada) (Medium Size) (Pattern to be decided by APMSIDC)	ESL
129	Small incision cataract, Surgery set	Each	4 Blade set.	ESL
130	Sphygmomanometers	Each	Mercurial Type, IS :3390 -1988	ESL
131	Sphygmomanometers Stand	Each	Stand mount	ESL
132	Spino Epidural set, (CSE)	Each	Sterile, Disposable, Combined spinal epidural anesthesia kit, combined spinal epidural needles are a combination of Tuohy and Sleeved Spinal Needles Design, Features a back-eye lumen situated in the heel of a Tuohy bevel to allow the sleeved spinal needle to pass through, in addition to the above, the kit should contain all the items mentioned in the Epidural kit Size: 18 spinal epidural needle.	ESL
133	Sterile Blood Lancets Ethylene Oxide	Each	Disposable	ESL
134	3 Way Stop cock	Each	Sterile, Disposable, Rotating male luer lock & 2 female luer connectors with arrow indication on rotator to indicate direction of flow with transparent polycarbonate body.	ESL
135	Striped Cloth Blue or Green		Width 76cm LengthOne Meter	ESL
136	Testtubes(10x75mm)	Each	10x75 mm	ESL
137	Testtubes(12x100mm)	Each	12x100 mm	ESL
138	Tongue Depressor	Each	Disposable	ESL

139	Tracheostomy Tubes Cuffed 7.0	Each	Sterile, Disposable, Made of thermosensitive material with Sufficient initial rigidity for insertion which softens at body temperature to accommodate individual patient anatomy. Soft flexible, anatomically shaped flange for easy fixation, 15 mm connector which can be rotated in 360 degree direction to facilitate the safe connection to breathing system from any direction. Radio opaque blue line for X-ray visualization. Soft low pressure cuff which dynamically adjusts the pressure at the point of contact during the breathing cycle, thus minimizing the risk of tracheal trauma & other complications. Pilot balloon with non return valve for cuff inflation & deflation. Could be supplied with cotton neck tape. Individually Blister packed. Cuffed 7.0	ESL
140	Tracheostomy Tubes Cuffed 8.0	Each	Sterile, Disposable, Made of thermosensitive material with Sufficient initial rigidity for insertion which softens at body temperature to accommodate individual patient anatomy. Soft flexible, anatomically shaped flange for easy fixation, 15 mm connector which can be rotated in 360 degree direction to facilitate the safe connection to breathing system from any direction. Radio opaque blue line for X-ray visualization. Soft low pressure cuff which dynamically adjusts the pressure at the point of contact during the breathing cycle, thus minimizing the risk of tracheal trauma & other complications. Pilot balloon with non return valve for cuff inflation & deflation. Could be supplied with cotton neck tape. Individually Blister packed. Cuffed 8.0	ESL
141	Tracheostomy speaking valve	Each	Tracheostomy Speaking Valve is designed to allow tracheostomy patients to vocalize without the need for finger occlusion. The valve provides low resistant one-way airflow using a thin silicone diaphragm that opens on inspiration and closes on expiration. An exclusive feature of this valve is a "cough-release" mechanism, eliminating valve or tube dislodgment as a result of coughing or excessive airway pressure. Attaches securely to any tracheostomy tube with a 15 mm connector	ESL
142	Ultra Sound Jelly	Each	5 Ltrs, (Plastic Jar)	ESL
143	Umbilical Cord Clamp	Each	Sterile, Disposable, Suitable for clamping the umbilical cord of new born baby immediately after the birth. Provided with double purpose security lock click to indicate the correct locking and protect against accidental reopening. Finger grip to ensure safe and convenient handling, particularly when gloves are wet. Provided with grooves all along the length to prevent the slipping of the umbilical cord and to retain it in the same position. Manufactured from non toxic medical grade polymer. To be Supplied in blue color.. Individually packed in blister pack.	ESL
144	Urinary Bag	Each	Sterile, Disposable, PVC Soft and Kink resistant tube with Optimum length 100CM, Conical inlet connector with cap for easy milking & Better flow Drainage from upper side to avoid leakage, Efficient NRV to avoid back flow of Urine, Precession double sealing to avoid leakage. Capacity of 2 litres, With non-return valve, Bag graduated in ml	ESL
145	Reagent strips for urine tests	Bottle of 100 strips	Reagent Strips to make urinalysis easier. Each pack of 100 strips is contained in a convenient plastic vial. For Albumin & sugar	ESL
146	Bed Sheets	Each	Size: 58" Length 90"	ESL
147	White Blouse Cloth	Each	Width 90cm Length One Meter	ESL
148	White Cloth	Each	Width 91cm Length One Meter	ESL

149	White Saree with Blue Border	Each	114cm Length 5.5m	ESL
150	White Saree with Green Border, 2" Ply border	Each	114cm Length 5.5m	ESL
151	White saree with Red Border 2" Ply border	Each	114cm Length 5.5mts	ESL
152	White Terricot	Each	Width 54" LengthOne Meter	ESL
153	Woolen Blankets	Each	60" Length90"	ESL
154	X-Ray Film Size : 10 X 8"	Box of 50	Size : 10 X 8", Box of 50	ESL
155	X-Ray Film Size : 12 X 10"	Box of 50	Size : 12 X 10", Box of 50	ESL
156	X-Ray Film Size : 12 X 12",	Box of 50	Size : 12 X 12", Box of 50	ESL
157	X-Ray Film Size : 15 X 12 "	Box of 50	Size : 15 X 12 " Box of 50	ESL
158	X-Ray Film Size : 6.5 X 8.5"	Box of 50	Size : 6.5 X 8.5", Box of 50	ESL
159	Abdominal Drain Kit: 28 FG	Each	Sterile, Disposable, soft abdominal drainage catheter with radio opaque line on it with atraumatic and rounded open distal end with eyes with markings at 2cms interval from last eye with collection bag of 2ltrs. A loop to hang the bag on the cot.	ESL
160	Abdominal Drain Kit: 32 FG	Each	Sterile, Disposable, soft abdominal drainage catheter with radio opaque line on it with atraumatic and rounded open distal end with eyes with markings at 2cms interval from last eye with collection bag of 2ltrs. A loop to hang the bag on the cot.	ESL
161	Central Venous line Triple Lumen/ 7FR/16cms	Each	Sterile, Disposable, Triple Lumen. For catheterization by Seldinger technique. Biocompatible Polyurethane radioopaque indwelling catheter, tapered tip, interval depth markings, junction hub with eyes for suture placement, with introducer steel needle, vessel dilator, soft J tip guide wire with diameter of 0.035 inches and 50cms long, secondary fixation device. Luer lock syringe, Scalpel, air tight clamp on all the three limbs of catheter, SIZE: 7 FR, Length160 MM, Lumen Sizes: 18G(P), 16G(D), 18G(M)	ESL
162	Central Venous line	Each	Careflow Triple lumin 7.5FG X 160mm with 0.032 stp gaid wire single	ESL
163	Central Venous line Triple Lumen, 5.5FR/8cms	Each	Sterile, Disposable, Triple Lumen. For catheterization by Seldinger technique. Biocompatible Polyurethane radioopaque indwelling catheter, tapered tip, interval depth markings, junction hub with eyes for suture placement, with introducer steel needle, vessel dilator, soft J tip guide wire with diameter of 0.018 inches and 50cms long, secondary fixation device. Luer lock syringe, Scalpel, air tight clamp on all the three limbs of catheter, SIZE: 5.5FR, Length 80 MM, Lumen Sizes: 22G(P), 20G(D), 22G(M)	ESL
164	Central Venous line	Each	Careflow Triple lumin 5.5FG X 160mm with 0.032 stp gaid wire Single	ESL
165	Central Venous line Double Lumen/ 7FR/16cms	Each	Sterile, Disposable, Double Lumen. For catheterization by Seldinger technique. Biocompatible Polyurethane radioopaque indwelling catheter, tapered tip, interval depth markings, junction hub with eyes for suture placement, with introducer steel needle, vessel dilator, soft J tip guide wire with diameter of 0.035 inches and 50cms long, secondary fixation device. Luer lock syringe, Scalpel, air tight clamp on all the three limbs of catheter, SIZE: 7 FR, Length160 MM, Lumen Sizes: 16G(P), 16G(D)	ESL
166	Central Venous line	Each	Careflow Triple lumin 7.5FG X 160mm with 0.032 stp gaid wire Double	ESL

167	Central Venous line Double Lumen/ 4FR/8cms	Each	Sterile, Disposable, Double Lumen. For catheterization by Seldinger technique. Biocompatible Polyurethane radioopaque indwelling catheter, tapered tip, interval depth markings, junction hub with eyes for suture placement, with introducer steel needle, vessel dilator, soft J tip guide wire with diameter of 0.018 inches and 50cms long, secondary fixation device. Luer lock syringe, Scalpel, air tight clamp on all the three limbs of catheter, SIZE: 7 FR, Length80 MM, Lumen Sizes: 22G(P), 22G(D)	ESL
168	Central Venous line	Each	Careflow Triple lumen 5.5FG X 160mm with 0.032 stip gaid wire Double	ESL
169	Central Venous line	Each	Careflow Triple lumen 7FG X 160mm with 0.032 stip gaid wire Triple	ESL
170	Central Venous line	Each	Careflow Triple lumen 7.5FG X 160mm with 0.032 stip gaid wire Triple	ESL
171	Central Venous line	Each	Careflow Triple lumen 5FG X 160mm with 0.032 stip gaid wire Triple	ESL
172	Central Venous line	Each	Careflow Triple lumen 5.5FG X 160mm with 0.032 stip gaid wire Triple	ESL
173	Developer	Each	13.5 Lts Liquid Form	ESL
174	Endotracheal Tube dia 8.5mm	Each	Cuffed (Sterile, Disposable) dia 8.5mm	ESL
175	Endotracheal Tube dia 5.5mm	Each	Cuffed (Sterile, Disposable) dia 5.5mm	ESL
176	Endotracheal Tube dia 6.5mm	Each	Cuffed (Sterile, Disposable) dia 6.5mm	ESL
177	Endotracheal Tube dia 7.5mm	Each	Cuffed (Sterile, Disposable) dia 7.5mm	ESL
178	Endotracheal Tube dia 9.5mm	Each	Cuffed (Sterile, Disposable) dia 9.5mm	ESL
179	Endotracheal Tube uncuffed disposable 2mm	Each	Uncuffed (Sterile, Disposable) dia 2mm	ESL
180	Endotracheal Tube uncuffed disposable 2.5mm	Each	Uncuffed (Sterile, Disposable) dia 2.5mm	ESL
181	Endotracheal Tube uncuffed disposable 3.5mm	Each	Uncuffed (Sterile, Disposable) dia 3.5mm	ESL
182	Endotracheal Tube uncuffed disposable 4mm	Each	Uncuffed (Sterile, Disposable) dia 4mm	ESL
183	Endotracheal Tube uncuffed disposable 4.5mm	Each	Uncuffed (Sterile, Disposable) dia 4.5mm	ESL
184	Endotracheal Tube uncuffed disposable 5mm	Each	Uncuffed (Sterile, Disposable) dia 5mm	ESL
185	Fixer	Each	13.5 Lts Liquid Form	ESL
186	Infant Feeding Tube Size: 10	Each	Closed distal end with two lateral eyes Tube with radio-opaque line, marked at 25 cms from the tip for accurate placement , Soft and rounded tip to prevent trauma during application Soft, frosted and kink resistant PVC tubing, Radio Opaque line is provided throughout the length for X-Ray visualisation, Proximal end is fitted with female luer mount for easy connection to feeding funnel or syringe, Standard Colour coded for size identification Size: 10 FG	ESL
187	Low Pressure extension Line'	Each	Sterile, Disposable, Provided with male luer lock at one end and 3-way stop cock at other end Size : 150 cms	ESL
188	Readymade Surgeons Dress	Each	Readymade Surgeons Dress (Shirt & Pyjama with fabric nada) (Medium Size) (Pattern to be decided by APMSIDC)	ESL
189	OT Dress: Sky blue/Dark Blue cloth		Readymade Surgeons Dress (Shirt & Pyjama with fabric nada) (Medium Size) (Pattern to be decided by APMSIDC)	ESL

190	Test tubes (18x150mm)	Each	18x150 mm	ESL
191	Tracheostomy Tubes Cuffed 7.5	Each	Sterile, Disposable, Made of thermosensitive material with Sufficient initial rigidity for insertion which softens at body temperature to accommodate individual patient anatomy. Soft flexible, anatomically shaped flange for easy fixation, 15 mm connector which can be rotated in 360 degree direction to facilitate the safe connection to breathing system from any direction. Radio opaque blue line for X-ray visualization. Soft low pressure cuff which dynamically adjusts the pressure at the point of contact during the breathing cycle, thus minimizing the risk of tracheal trauma & other complications. Pilot balloon with non return valve for cuff inflation & deflation. Should be supplied with cotton neck tape. Individually Blister packed. Cuffed 7.5	ESL
192	White Apron (Terricot)	Each	READYMADE APRONS (MEDIUM) (Pattern to be decided by the APMSIDC)	ESL
193	White Apron (Terricot)	Each	READYMADE APRONS (Large) (Pattern to be decided by the APMSIDC)	ESL
194	White Apron (Terricot)	Each	READYMADE APRONS (XL) (Pattern to be decided by the APMSIDC)	ESL
195	Elastic crepe bandage 4 "	Each	Superior quality elastic crepe bandage, Combination of cotton and stretch material for comfort use, 99% cotton and 1% elastic, with non fraying edges, with with excellent dermophyllic properties, 4 inches width, length 4 meters.	ESL
196	Elastic crepe bandage 6 "	Each	Superior quality elastic crepe bandage, Combination of cotton and stretch material for comfort use, 99% cotton and 1% elastic, with non fraying edges, with with excellent dermophyllic properties, 6 inches width, length 4 meters.	ESL
197	BALANCED SALT SOLUTION (eye)	Each	Sterile Physiological Solution, containing Calcium Chloride 0.48 mg, Magnesium Chloride 0.30 mg, Potassium Chloride 0.75 mg, Sodium Acetate 3.90 mg, Sodium Chloride 6.40 mg, Sodium Citrate 1.70 mg	ESL
198	TRYPAN BLUE DYE (eye)	Each	TRYPAN BLUE DYE	ESL
199	Surgical Adhesive (Incise) disposable drape	Each	Sterile & disposable, Transparent, adhesive polyurethane film which allows the skin to breathe, so preventing moisture build-up under the drape, Transparent non-glare surface, Thin yet extremely strong, Conformable and elastic, individually wrapped in a peel apart pouch. 1. Size 45 x 25 cm, Adhesive Area 30 x 25 cm (+/- 5cms in size of adhesive area) 2. Polymer Size 60 x 35 cm, Adhesive Area 35 x 35 cm (+/- 5cms in size of adhesive area)	ESL
200	Harmonic scalpel probe 5 mm	Each	Laparoscopic ace	ESL
201	Urine collection bag with volume measuring chamber/ meter 2Lts/200-250ml	Each	Sterile, Disposable, Graduated in ml with measured volume meter for accurate measurement of urine and bottom outlet, Conical inlet connector with cap, Closed circuit system to eliminate the risk of contamination, Soft and kink resistant PVC tubing with provision to hang the bag on the patient cot, Inlet tube length : 100 cm Capacity : 2000 ml Capacity of Volume meter : 200- 250ml,	ESL
202	Re breathing bags (Test Lung)	Each	Rebreathing Bags, Latex Free (Neoprene), hourglass-shaped ,2 LITRES with neck of 22 mm Bush, non-slip textured surface, Tri-pleat design.	ESL
203	Giggly's Saw wire	Each	Overall length 12" (304.8mm), Standard grade stainless steel gigli saw wire for use with Gigli saw handles	ESL
204	Blood transfusion set	Each	For transfusion of blood and blood products, Sterile, Disposable, soft and kink resistant medical grade PVC tubing, transparent and flexible drip chamber with 200 micron blood filter, approximately 20 drops/ml, with 18 G hypodermic needle,	ESL

205	Bonewax	Each	Non absorbable sterilized bone wax, 2- 2.5gms	ESL
206	Non Absorbable, black Monofilament, Polyamide, Sterile Surgical Suture No10-0 (Suture code:3717)	Each	3/8 circle micro (Premium) point spatulated, 6mm needle, Suture length 20cms, Double armed (Needle)	ESL
207	Absorbable, Braided, violet, PGA (Polyglycolic acid) Sterile, surgical suture 6/0 (Suture code: 2670)	Each	1/4 circle micro (Premium) point spatulated, 8mm needle, Suture length 45cms, Double armed (Needle)	ESL
208	M.V. R Blades	Each	Ophthalmic MVR Blades (Round Wire) are designed for making precise water tight port in micro vitreoretinal surgery. These blades are also used for making side port in small incision cataract surgery. These blades are available in 19G, 20G and 24G with following options: Straight 19 Gauge Angled at 45 Deg. 19 Gauge Straight 20 Gauge Angled at 45 Deg. 20 Gauge Straight 24 Gauge Angled at 45 Deg. 24 Gauge	ESL
209	Fluoresein sodium strips	Each	Fluorescein sodium ophthalmic strips, USP, 1.0 mg Individually Wrapped Sterile Ophthalmic Strips, Pack of 100.	ESL
210	Disposable needles 26 G	Each	26 G	ESL
211	Eye drapes (Incise Drapes) 60x60	Each	(Incise Drapes) 60x60	ESL
212	Eye Shield (Green Plastic)	Each	Sterile Disposable Ophthalmic Plastic Eye Shield, Green in colour,	ESL
213	Foldble IOL diff powers	Each	Foldble IOL diff powers	ESL
214	Binocular loops	Each	Binocular loops	ESL
215	CT Films	Each	Size 17 x 14 (Kodake Agfa make)	ESL
216	Intra Venous Set	Each	Sterile, Disposable, Soft & kink resistant PVC tubing of 150 cms long, with efficient roller flow controller for accurate and unrestricted flow. Clear, transparent, flexible, cylindrical drip chamber with Disc type fluid filter (15 micron fluid filter in drip chamber) to filter any particulate matter in the I.V. fluid. Sharp piercing air vented spike for easy insertion in IV. container with a safety cap. Flash ball type injection port for extra medication. Tube : I Ø : 3.0 mm, O Ø : 4.1 mm, Infusion set with approximate drop rate of 20 drops/ml. Sterile and individually packed.	ESL
217	Absorbent Cotton 100 gms Net	Each	100 gms	ESL
218	Absorbent Cotton 500gms	Each	500gms	ESL
219	Bandage Cloth (Medical) 20m x100cm	Each	20m x100cm	ESL
220	Gauge Cloth (Medical) 20m x100cm	Each	20m x100cm	ESL
221	Roller Bandage (Medical) 10cm x 4m	Each	10cm x 4m	ESL
222	Roller Bandage (Medical) 15cm x 4m	Each	15cm x 4m	ESL

Additional Surgical List				
1	A1 Lectin	Each	10 ml	ASL
2	Absorbable surgical suture USP sterilized surgical needle suture Size 6-0	Box of 12 Foils	Undyed Monofilament 3/8 circle reverse cutting 16 mm Needle violet bridged coated - 45cm Polygrecaoporene	ASL
3	Absorbable surgical suture USP (Synthetic) sterilized surgical needle suture 0- 1/2	Box of 12 Foils	Sterilized surgical needle suture (coated braided polyglycolic acid suture) - 40 heavy needle (Size 1-0, 90cm, 1/2 Circle RB 40mm Heavy)	ASL
4	AD Syringes 1ml	Each	Auto Disable Syrinage	ASL
5	Antibacterial Absorbable Surgical suture "1"	Box of 12 Foils	Polyglactin 910 1/2 circle RB 40mm Heavy Needle violet bridged coated - 90cm	ASL
6	Antibacterial Absorbable Surgical suture 0	Box of 12 Foils	Polyglactin 910 1/2 circle RB 40mm Needle violet bridged coated - 90cm	ASL
7	Antibacterial Absorbable Surgical suture 2-0	Box of 12 Foils	Polyglactin 910 1/2 circle RB 30mm Needle violet bridged coated - 90cm	ASL
8	Antimicrobial hand gel	1000 ml Each	60% v/v Ethyl Alcohol in a lotionized gel formulation containing 18 ingredients using synergistical antimicrobial agents - 1litre pack	ASL
9	Arterial Cannula	Each	20G	ASL
10	Bacillus thuringiensis var israelensi(Bti) Strain 164,Serotype,H-14 W.P	Each	Description of Stores:Bacillus thuringiensis var israelensi (Bti) Strain 164,Serotype,H-14 W.P(TAC approved).	ASL
11	Bladder wash syringes	Each	Bladder wash syringes	ASL
12	Bovine Albumin	Each	22% - 5 ml	ASL
13	Clinical Thermometer	Each	Digital Thermometer(Description to be added)	ASL
14	Collagen Sheets (Size 10cmx10cm)	10cmx10cm	Bovine Derived Sterile Collagen Sheets, Size 10cmx10cm	ASL
15	Collagen Sheets (Size 15cmx30cm)	15cmx30cm	Bovine Derived Sterile Collagen Sheets, Size 15cmx30cm	ASL
16	Disposable Cusco's Vaginal Specula	Each	Disposable	ASL
17	Disposable Perilaryngeal Airways	Each	Should have ultra thin cuff for a high volume - low pressure seal. Cuff should be positioned in the upper Hypo pharynx. Should have gently curved ramp near distal end for insertion of Bronchoscope. Should have the facility of ramping any ET Tube through i	ASL
18	Disposable Syringe with Needle Tuberculin, 26 Gauge 1/2 Inch 1cc Syringe with 26 Gauge 1/2 Inch needle	Each	ISNo;12655 as per drugs & cosmetics Act 1940	ASL
19	Double Blood bags (with CPDA solution)	Each	450 ml	ASL
20	ECG paper	Each Rooll	50mm X 30mtrs	ASL
21	Fenthion(Baytex)Mosquito Larvicide	Each	Fenthion (Baytex) Mosquito Larvicide	ASL
22	Foleys 3 way	Each	22G	ASL
23	H1 Lectin	Each	5ml	ASL
24	High Preusure Extension line	Each	200CM	ASL
25	HIV EIA Comb Test Kit	48Test	1x48 Test	ASL

26	HIV Rapid test Kit	50 Tests	1 x 50 test	ASL
27	Intra Ocular Lense, Posterior Chamber of various sizes from +17 to + 20	Each	17,18,19&20	ASL
28	Intra Ocular Lense, Phaco various sizes from +19 to + 24	Each	19,20,21,22,23,24	ASL
29	Intra Ocular Lense, Posterior Chamber of various sizes	Each	29 &30	ASL
30	Intra Ocular Lense, Single piece of various sizes from +4 to + 29.5	Each box	Size: +4 to + 29.5	ASL
31	Liquid Hand Disinfectant	5 Ltrs	1. 100 grms solutions Contains, 2. propanol IP 45 grms, 2-propanol BP 30 grms, Ethyl Hexa deryl Dimethyl Ammonium Methyl sulphate 0.2 gm	ASL
32	Malathion 25% WDP	Each	Malathion 25% WDP (ISI Marked) for residual spray for control of malaria under public health programme conforming to IS specifications IS:2569-1978 with up-to date amendments,should be registered with Central Insecticide Board.	ASL
33	Optical view trocar (Laproscopy)	Each	11 mm	ASL
34	Optical view trocar (Laproscopy)"	Each	5 mm port	ASL
35	Pediatric Blood Bags (with CPDA solution)	Each	100 ml	ASL
36	Phaco Tips	Each		ASL
37	Polyglecaprone 25 Size 3-0	Box of 12 Foils	Undyed of size 3-0 with 3/8 Circle cutting 25mm needle, suture length of 70cm SUB Q	ASL
38	Primiphos Methyl 50% EC	Each	50% EC	ASL
39	Pyrethrum Extract 2%	Each	Py.Extt 2% confirming to No.IS 105 to -1980(II revision)bearing ISI certificatio Mark.	ASL
40	Qudriple Blood Bags (with CPDA solution)	Each	450ml	ASL
41	Suture Needles, 1/2 circle Round Body Size: 10	Each Packet (6)	Size: 10	ASL
42	Suture Needles, 1/2 circle Round Body Size: 12	Each Packet (6)	Size: 12	ASL
43	Suture Needles, 1/2circle Round Body Size: 14	Each Packet (6)	Size: 14	ASL
44	Suture Needles, 1/2 circle Round Body Size: 16	Packet of 6	Size: 16	ASL
45	Suture Needles, 1/2 circle Round Body Size: 18	Each Packet (6)	Size: 18	ASL
46	Suture Needles, Abdominal Size: 2.5	Each Packet (6)	Size: 2.5	ASL
47	Suture Needles, Abdominal Size: 3.5	Each Packet (6)	Size: 3.5	ASL
48	Suture Needles, Abdominal Size: 4.5	Each Packet (6)	Size: 4.5	ASL
49	Suture Needles, Curved Cutting Size: 12	Each Packet (6)	Size: 12	ASL
50	Suture Needles, Curved Cutting Size: 14	Each Packet (6)	Size: 14	ASL
51	Suture Needles, Curved Cutting Size: 16	Each Packet (6)	Size: 16	ASL
52	Suture Needles, Straight	Each Packet (6)	Size: 4	ASL
53	Suture Needles, Straight'	Each Packet (6)	Size: 3	ASL

54	Synthetic Pyrethroids water Dispersible Powder(WDP)/Wettable Powder	Each	Synthetic Pyrethroids water Dispersible Powder(WDP)/Wettable Powder equivalent 2.5% conforming to following WHO Specifications. (1).Cyfluthrin-WHO/IS/98.2.2 (2).Lambdacytha	ASL
55	Temephos 50% EC	Each	Temephos 50% EC confirming to No.IS 8498 to No.IS No.8498 1977 with amendment no.1 & 2 bearing ISI Certification mark.	ASL
56	Titanium clips	Box of 18 x 6clips	LT 300 Medium / Large	ASL
57	Titanium clips'	Box of 18 x 6clips	LT 400 Large	ASL
58	TPHA Kits	Each	Each Test	ASL
59	Tracheostomy Tubes Cuffed 6.0	Each	PVC Cuffed6.0	ASL
60	Tracheostomy Tubes Un cuffed 3.0	Each	PVC Un cuffed 3.0	ASL
61	Tracheostomy Tubes Un cuffed 4.0	Each	PVC Un cuffed 4.0	ASL
62	Tracheostomy with speaking valve No 4	Each	No 4 Un Cuffed	ASL
63	Tracheostomy with speaking valve No 6	Each	No 6 Un Cuffed	ASL
64	Triple Blood Bags (with CPDA solution)	Each	450 ML	ASL
65	Triple Lumen	Each	With Antibiotic Impregnated Antifungal	ASL
66	Sphygmomanometer	Each	Digital	ASL
67	Disposable Bed Sheets	Each	Size: 58" Length 90"	ASL
68	Tracheostomy Tubes Cuffed 8.0	Each	PVC Cuffed 8.5	ASL
69	Tracheostomy Tubes Cuffed 9.0	Each	PVC Cuffed 9.0	ASL
70	96 HOURS ONLINE IV BACTERIAL FILTERS	Each	0.2 MICRON SIZE	ASL
71	MICRO DRIP IV SETS WITH DIAL FLOW REGULATORS	Each	MICRO DRIP IV SETS WITH DIAL FLOW REGULATORS	ASL
72	SILICON TRACHEASTOMY TUBES	Each	3.0 TO 8.0	ASL
73	Haemo clip	Each	medium and large	ASL
74	Long IV cannula 15 cm	Each	16 G and 18 G	ASL
75	Naso Pharyngeal Airways	Each	3.0 to 8.0	ASL
76	Harmonic scalpel probe	Each	open instrument	ASL
77	Disposable trocars	Each	10mm screw type	ASL
78	Disposable trocars	Each	5mm Screw type	ASL
79	5 mm inserts for lap instruments	Each	maryland dissector	ASL
80	5 mm inserts for lap instruments	Each	grasper toothed	ASL
81	5 mm inserts for lap instruments	Each	grasper non toothed	ASL
82	5 mm inserts for lap instruments	Each	scissors curved	ASL
83	lapro-sheath 5mm	Each	5mm	ASL
84	vacuum extractor for baby	Each	silastic and disc shaped CUPS 2 SIZES	ASL
85	RE BREATHING BAGS (TEST LUNG)	Each	0.5 LITRE,1 LITRE	ASL
86	LINEAR BOWEL STAPLER CATRIDGES	Each	LINEAR BOWEL STAPLER CATRIDGES	ASL
87	PAP SMEAR KIT	Each	PAP SMEAR KIT	ASL

88	P D CATHETERS (PERITONIAL DIALYSIS CATHETERS)	Each	P D CATHETERS (PERITONIAL DIALYSIS CATHETERS)	ASL
89	P D SETS (PERITONIAL DIALYSIS SETS)	Each	P D SETS (PERITONIAL DIALYSIS SETS)	ASL
90	SKINGRAFTING BLADES	Each	SKINGRAFTING BLADES	ASL
91	7/0 Vicryl suture double Arm	Each	7/0 Vicryl suture double Arm	ASL
92	5/0 Ethibond double Arm	Each	5/0 Ethibond double Arm	ASL
93	10/0 Prolene suture double Arm	Each	10/0 Prolene suture double Arm	ASL
94	Trial boxes	Each	Trial boxes	ASL
95	Microscope bulbs 15x150	Each	Microscope bulbs 15x150	ASL
96	Microscope bulbs 12x100	Each	Microscope bulbs 12x100	ASL
97	Zesisphaco sleeves	Each	Zesisphaco sleeves	ASL
98	Zesisphaco tubing sets	Each	Zesisphaco tubing sets	ASL
99	Vitrectomy cutters	Each	Vitrectomy cutters	ASL
100	TST (Steam cycle indicator strips)	Each	TST (Steam cycle indicator strips)	ASL
101	Retinalbond 240	Each	Retinalbond 240	ASL

Surgical Instruments List				
1	BP Handles size 3No	Each	Size 3No	Instruments
2	BP Handles size 4No	Each	Size 4No	Instruments
3	Cheatle's Forceps -	Each	Stainless Steel 12 inches	Instruments
4	Episiotomy Scissor	Each	15 cm long SS, IS - No : 7103:1973	Instruments
5	Forceps, Artery (Homeostatic Forceps),curved flat	Each	20.5cm Long, Box Joint, Spencerwells Type, SS, IS - No:3645:1992	Instruments
6	Forceps, Artery, Small	Each	Mosquito - 9.5 cm	Instruments
7	Forceps, Dissecting	Each	15cm long,	Instruments
8	Forceps, Dissecting'	Each	15cm long, Toothed, SS, IS - No:3643:1992	Instruments
9	Forceps, Intenstinal elastic, straight	Each	24 cm long ,Doyens Type,SS	Instruments
10	Forceps, Sponge holding,box joint, settated jaws	Each	25cm long, Stainless Steel (Box joint), IS-No:7735:1992	Instruments
11	Forceps, Sterilizer, Cheatles pattern	Each	SS, IS - No: 4094:1967	Instruments
12	Forceps, Tissue 4 x 5 teeth Screw Joint, Allis Type	Each	20 cms long Stainless Steel, IS - No:7388:1992	Instruments
13	Forceps, Tissue Box Joint, Babcocks Type	Each	20cm long, Stainless Steel	Instruments
14	Forceps, Uterine Vulesellem Teales, with 2x2, 3x4 teeth, box joint,	Each	9", Stainless steel, as Per IS:6144-1991	Instruments
15	Infant Weighing Machine	Each	Infant Weighing Machine	Instruments
16	Instrument's forceps 10	Each	10 Inches	Instruments
17	Instrument's tray with cover	Each	Stainless Steel 14"x10"	Instruments
18	Needle & Hub cutter	Each	Electrical	Instruments
19	Needle holder, Straight, Curved,Bozeman	Each	20cm long, Stainless Steel, IS - No:10615:1983	Instruments
20	Needle holder, Straight, Mayo-Hegar type	Each	20cm long, Stainless Steel, IS - No:7870:1992	Instruments

21	Out let Forceps	Each	Wrigleys & Simpson	Instruments
22	Proctoscopes	Each	Adlut	Instruments
23	Retractor Deavers Pattern	Each	Large, IS - No:8965:1978	Instruments
24	Retractor, Langenbeck, Medium	Each	11mmx40mm blade, Stainless steel, IS - No:8855:1978	Instruments
25	Scissors	Each	8 inches	Instruments
26	Scissors, Curved on flat, Mayo's Type	Each	16cm long Stainless steel, as per IS:9146-1979	Instruments
27	Scissors, Dissecting for deep work, curved on flat	Each	22cm long, Metzenbaum Type, SS	Instruments
28	Scissors, Dressing	Each	Straight with one sharp point, one Blunt point size 5"	Instruments
29	Scissors, Dressing'	Each	Straight with one sharp point, one Blunt point size 6"	Instruments
30	Scissors, Medium	Each	3.5 inches	Instruments
31	Scissors, Straight one point sharp	Each	15cm long Stainless Steel	Instruments
32	Scissors, Straight, with both points blent	Each	18cm long Stainless Steel	Instruments
33	Toothed Forceps	Each	1 X 2 Teeth	Instruments
34	Towel Clips 150 mm	Each	Backhaus 150 mm	Instruments
35	Umbilical cord scissors	Each	Stainless steel, as per IS:7117-1973	Instruments
36	Uterine Sound probe	Each	Graduated from 4 to 20cm & 28cm long, Stainless steel, IS - No:5829:1982	Instruments
37	Weighing Machine	Each	Adult with weight and measurements department stamping, weighing capacity 125 kg in 500gms intervals and Non-slip platform surface	Instruments

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

L.V.SUBRAHMANYAM
PRINCIPAL SECRETARY TO GOVERNMENT

To
The Managing Director of APMSIDC, Hyderabad
The Commissioner of Health and Family Welfare, Govt. of AP, Hyderabad
The Directorate of Medical Education, Government of AP, Hyderabad.
The Director of Public Health and Family Welfare, Govt. of AP, Hyderabad.
The Commissioner of APVVP, Hyderabad
The Directorate General, Drug Control Administration, Govt. of AP, Hyderabad
The Director, Institute of Preventive Surgical, Hyderabad
The Project Director of APSACS, Hyderabad.
The Commissioner of AYUSH, Hyderabad
The Chief Executive Officer of Rajiv Arogya Sri Trust, Hyderabad
The Director of Indian Institute of Health and Family Welfare, Hyderabad
The Director of NIMS / SVIMS / RIMS
Chief Executive Officer of EMRI, Hyderabad
Chief Executive Officer of HMRI, Hyderabad
Copies to:
The Principal Secretary to the CM
The Principal Secretary, Finance (FP) Department
The Principal Secretary, Women Development and Child Welfare Department
The Principal Secretary, MA& UD Department
The Principal Secretary, Rural Development Department
The Principal Secretary, Labour and Employment Department
The Chief Executive Officer, AP Society for Eradication of Rural Poverty
The Commissioner of Labour
The Commissioner of Tribal Welfare

OSD to Minister (Health Medical and Family Welfare)
The P.S. to Principal Secretary (M.E)
The P.S. to Secy., (H&FW)
S.F/S.Cs.

// FORWARDED :: BY ORDER //

SECTION OFFICER